

02228

Rec'd 9/15

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September 11, 1969


U. S. Government

Attention: Ray S.

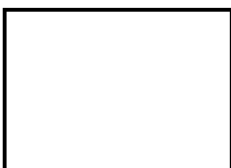
Subject: Control No. 02228 - Status Report
for Period Ending August 31, 1969

Gentlemen:

During this report period the following tasks have been accomplished.

1. The data acquisition and digital control systems for the twin stage comparator were tested by the manufacturer and delivered to the  Both of these systems are presently installed in the electrical cabinet.
2. The writing shelf was attached to the electrical cabinet at a height equal to that of the instrument console.
3. The joystick control for the X and Y coordinate motor drive assemblies has been wired and installed in the instrument console.
4. During the final days of this report period, work was in process to complete the electrical interconnections between the instrument console and the electrical cabinet. As soon as this task is completed, instrument assembly will be completed except for the modified Stereo Comparator Head.
5. Detailed drawings of individual components necessary to modify the Stereo Comparator Head have been completed and sent to our production department to be manufactured.
6. The pattern drawing for the casting required to support the modified stereo viewing system was completed early in this report period and delivered to a pattern maker for manufacture. The completed pattern

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was received and forwarded to the foundry to be cast prior to the end of August.

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7. All the optical elements necessary to modify the Stereo Comparator Head have been ordered.
8. A final copy of the Installation Engineering Data was mailed to the technical representative.

It is estimated that 85% of the work on the twin stage comparator has been completed as of this report period.

During the September report period the [REDACTED] plans to do the following work.

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1. The technical representative and one other member of the customer's staff will visit the [REDACTED] on September 10, 1969, to review progress on the twin stage comparator contract.
2. Complete the wiring of the electrical connections between the instrument console and electrical cabinet.
3. Manufacture the individual components necessary to the modification of the Stereo Comparator Head.
4. Start assembly of the modified stereo viewing system.
5. Calibrate the X and Y coordinate precision lead screws used on each of the twin stage comparator motions.
6. The support casting designed to attach the modified stereo viewing system to the twin stage comparator is expected to be delivered by the foundry about mid-September. Work will begin on this casting as soon as it is received so the modified stereo viewing system can be installed on the instrument and tested for performance at the earliest possible date.

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The stereo support casting will be received approximately two weeks later than initially anticipated due to a general closing of the foundry for employee vacations. Because of this delay it has become necessary to reschedule the work on the twin stage comparator. The new schedule has been planned to ready the comparator for delivery during the week of October 12, 1969.

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A Status of Funds statement will be found on the following page.

Very truly yours,



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Asst Manager, Engineering

HBB:pc

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